

GEARTECH	CHECKLIST			No. CK8507	SHEET 1 OF 2
				Rev. A	
Inspection of Grind Temper				BY RLE	DATE 11/06/01
				CKD JRM	DATE 11/06/01
APPARATUS					
Question	Y	N	R	Comments	
Are process equipment and materials in accordance with ANSI/AGMA 2007-B92 for type 2 immersion baths?					
Is standardized test specimen a gear or sector of gear teeth with known grind temper indications?					
TEST SPECIMENS					
Question	Y	N	R	Comments	
Are tests performed on gears after all grinding is complete?					
PROCEDURE					
Question	Y	N	R	Comments	
Does test procedure conform to ANSI/AGMA 2007-B92 for type 2 immersion baths?					
Is temperature in immediate area of immersion baths 20°C ± 2°C ?					
Is test procedure verified with a standardized test specimen before any inspection?					
Is test procedure adjusted and verified until known indications are reproduced?					
Are 100% of all ground surfaces inspected?					
Is swabbing technique prohibited?					
Are gears baked after inspection?					
Is maximum bake temperature 14°C below final heat treat tempering temperature?					
INTERPRETATION OF RESULTS					
Question	Y	N	R	Comments	
Is degree of tempering assessed and classified in accordance with ANSI/AGMA 2007-B92?					
ACCEPTANCE CRITERIA					
Question	Y	N	R	Comments	
Is the surface temper class within the acceptable limit?					
REPORT					
Question	Y	N	R	Comments	
Does the report include the surface temper class?					
Does the report include a record of bath solutions and immersion times?					

[illegible]